



Contents of Volume 61 (2002)

Volume 61 No. 1 July 2002

C. CRESSWELL and N. JOSHI / Consistent Composition of Bäcklund Transformations Produces Confined Maps	1–14
ZHANG-JU LIU and PING XU / The Local Structure of Lie Bialgebroids	15–28
BOŽIDAR JOVANOVIĆ / On the Integrability of Geodesic Flows of Submersion Metrics	29–39
SUEMI RODRÍGUEZ-ROMO and EARL TAFT / Some Quantum-like Hopf Algebras which Remain Noncommutative when $q = 1$	41–50
O. STOYTCHEV / Irreducible Representations of a Class of Current Algebras of Etingof and Frenkel	51–61
JING-BO CHEN / Total Variation in Discrete Multisymplectic Field Theory and Multisymplectic-Energy Momentum Integrators	63–73
CHRISTIAN HAINZL and ROBERT SEIRINGER / General Decomposition of Radial Functions on \mathbb{R}^n and Applications to N -Body Quantum Systems	75–84

Volume 61 No. 2 August 2002

AÏSSA WADE / Nambu–Dirac Structures for Lie Algebroids	85–99
FAUSTO ONGAY and JEFFREY M. RABIN / On Decomposing $N = 2$ Line Bundles as Tensor Products of $N = 1$ Line Bundles	101–106
A. V. BRATCHIKOV / Realization of Dirac Bracket Algebras Through First-Class Functions and Quantization of Constrained Systems	107–111
SEONGTAG KIM / Solitons of the Self-dual Chern–Simons Theory on a Cylinder	113–122

DMITRY ROYTENBERG / Quasi-Lie Bialgebroids and Twisted Poisson Manifolds	123–137
K. EBRAHIMI-FARD / Loday-Type Algebras and the Rota–Baxter Relation	139–147
ALAIN CONNES and MICHEL DUBOIS-VIOLETTE / Yang–Mills Algebra	149–158
MICHEL DUBOIS-VIOLETTE and TODOR POPOV / Homogeneous Algebras, Statistics and Combinatorics	159–170

Volume 61 No. 3 September 2002

BRANISLAV JURČO, PETER SCHUPP and JULIUS WESS / Non-commutative Line Bundle and Morita Equivalence	171–186
S. KÖSTER / Conformal Transformations as Observables	187–198
STANISŁAW P. KASPERCZUK / A Note on the Integrability of Hamiltonian Systems	199–204
BO-YU HOU, KANG-JIE SHI, and ZHAN-YING YANG / Solitons on Noncommutative Orbifold T^2/Z_N	205–220
JONATHAN BECK / Crystal Structure of Level Zero Extremal Weight Modules	221–229
ANDREI K. SVININ / Extended Discrete KP Hierarchy and its Reductions from a Geometric Viewpoint	231–239
A.I. BOBENKO and YU. B. SURIS / Integrable Noncommutative Equations on Quad-graphs. The Consistency Approach	241–254
ALEXANDER KARABEGOV / A Covariant Poisson Deformation Quantization with Separation of Variables up to the Third Order	255–261
MOMAR DIENG and ALBERT SCHWARZ / Differential and Complex Geometry of Two-Dimensional Noncommutative Tori	263–270

